STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

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Application Serial Number: _/0/60/,7/3_

Source: _1Fw/6_

Date Processed by STIC: _9/9/05_

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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
   U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building. 401 Dulany Street. Alexandria, VA 22314

Revised 01/24/05

IFW16

RAW SEQUENCE LISTING   DATE: 09/09/2005
PATENT APPLICATION: US/10/601,713   TIME: 10:24:36

        Input Set : A:\5328-12.app
        Output Set: N:\CRF4\09092005\J601713.raw

 3 <110> APPLICANT: KOIZUMI, TAKESHI
 4   HAMANO, YOKO
 5   YAMAMOTO, SATOSHI
 7 <120> TITLE OF INVENTION: PROCESS FOR IMPROVING EFFICIENCY OF DNA AMPLIFICATION
 8   REACTION
10 <130> FILE REFERENCE: 5328-12
12 <140> CURRENT APPLICATION NUMBER: 10/601,713
13 <141> CURRENT FILING DATE: 2003-06-20
15 <150> PRIOR APPLICATION NUMBER: JP 2002-003912
16 <151> PRIOR FILING DATE: 2002-01-10
18 <160> NUMBER OF SEQ ID NOS: 4
20 <170> SOFTWARE: PatentIn Ver. 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 20
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
29   oligonucleotide
31 <400> SEQUENCE: 1
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35 <210> SEQ ID NO: 2
36 <211> LENGTH: 18
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
42   oligonucleotide
44 <400> SEQUENCE: 2
45 gttaccagta atagggca   18
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 21
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
55   oligonucleotide
57 <220> FEATURE:
58 <221> NAME/KEY: modified_base
59 <222> LOCATION: (7)
60 <223> OTHER INFORMATION: a, c, t or g
62 <220> FEATURE:
63 <221> NAME/KEY: modified_base

Does Not Comply
Corrected Diskette Needed

P.2

RAW SEQUENCE LISTING   DATE: 09/09/2005
PATENT APPLICATION: US/10/601,713   TIME: 10:24:36

Input Set : A:\5328-12.app
Output Set: N:\CRF4\09092005\J601713.raw

64 <222> LOCATION: (15) (16) "g" is at location 15
65 <223> OTHER INFORMATION: a, c, t or g
67 <220> FEATURE:
68 <221> NAME/KEY: modified_base
69 <222> LOCATION: (18) (19) "c" is at location 18
70 <223> OTHER INFORMATION: a, c, t or g
72 <400> SEQUENCE: 3
W--> 73 yatgmgngar atgggnacng t   21
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 21
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
83   oligonucleotide
85 <220> FEATURE:
86 <221> NAME/KEY: modified_base
87 <222> LOCATION: (1)
88 <223> OTHER INFORMATION: a, c, t or g
90 <220> FEATURE:
91 <221> NAME/KEY: modified_base
92 <222> LOCATION: (7)
93 <223> OTHER INFORMATION: a, c, t or g
95 <400> SEQUENCE: 4
W--> 96 ngcytcnacc atytcyttyt t   21

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/09/2005
PATENT APPLICATION: US/10/601,713   TIME: 10:24:37

Input Set : **A:\5328-12.app**
Output Set: **N:\CRF4\09092005\J601713.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 7,16,19
Seq#:4; N Pos. 1,7

VERIFICATION SUMMARY   DATE: 09/09/2005
PATENT APPLICATION: **US/10/601,713**   TIME: 10:24:37

Input Set : **A:\5328-12.app**
Output Set: **N:\CRF4\09092005\J601713.raw**

L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0